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[Document Name] ABSTRACT

[Abstract]

[Problems] Conventional lenses for DVD/CD compatible writing/reading are liable to CD jitter deterioration due to phase shifts in a central area.

[Solution] Setting a corresponding base material thickness of an intermediate area of the circumference A2 to greater than 1.2 mm which is the base material thickness of the CD, that is, converging luminous flux that has passed through the intermediate area of the circumference A2 onto a farther place than the information recording surface of the base material thickness of the CD makes it possible to reduce jitter deterioration due to phase shifts. Further, it makes possible to provide a system with higher precision and higher reliability.

[Selected Figure] Figure 1